**Part 1**

**Creating Food Webs /5**

1. Cut out the producer and consumer blocks from the attached page.
2. The sun is the source of energy in all food webs. In the middle of the background paper you have been given, draw a sun in pencil (in case you want to change the sun’s position later).
3. Create two food webs. One using the forest organisms and one using water organisms. Do not paste anything until all the organisms have been placed.
4. Join the organisms using arrows to represent the flow of energy from one organism to another. Make sure the arrows are pointing in the right direction.

**Part 2 /5**

**Answer the Following questions in complete sentences on LINED paper. Answer the questions for each food web that you made.**

1. For EACH organism, list its niche. (P = producer, H = herbivore, O = omnivore, C = carnivore)
2. Name TWO abiotic factors that would affect your food webs.
3. Describe where the decomposers would fit into this food web.
4. Which organisms in the food web were the most numerous (producers, primary consumers, secondary consumers)? Why?
5. What would happen to your food web community if:
   1. all the producers died? Explain.
   2. all the herbivores died? Explain.
   3. the decomposers died? Explain.

**Part 3**  **/5**

1. Create your own food web based on the organisms found in your ecosystem (the ecosystem you used for your brochure). You may need to do some research.

**Part 4 /5**

1. Using the food web you created for part 3, fill out and label the pyramid of numbers below.
2. Label the primary, secondary and tertiary consumers.
3. Place your organisms in their appropriate place on the pyramid